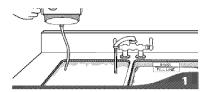
Product Type	Note Applic	ation Primary Mode of Exposure		Typical 1,4-Dioxane ppm in Concentrate	Highest Recommended Dilution Factor	Typical 1,4-Dioxano ppm in Use- Solution		Total Volume of PRODUCT Use-Solution at high dose per 8-hour shift (mL)		Exposure Time to PRODUCT per B-hour shift (hours)
Manual (Day and Day Day and Day and Day and Day and Day	T Sink / Im		Construction of the Constr	4	0.0015000	0.005	6	450	100	1
Manual / Pot and Pan Detergent- Quick Service Restaurant Manual / Pot and Pan Detergent - Full Service Restaurant	I Sink/Im I Sink/Im		Limited inhalation Limited inhalation	4	0.0015000 0.0015000	0.006	3	150 90	100 100	1.5
Manual / Pot and Pan Detergent - Food Retail	1 Sink/Im		Limited inhalation	4	0.0015000	0.006	2	60	70	1
Manual / Pot and Pan - Power Wash Application	2 Sink/Im		Inhalation	2	0.0015000	0.003	2	40	100	1
	,		***************************************		0.0023000	0.000				
Machine Warewash	3				0.00414	0.00414		2400	140	4
Laundry Detergent - Limited Service Lodging Laundry Detergent - Full Service Lodging	4 Closed 4 Closed		None None	1	0.00414	0.00414 0.00414	4	2400 2400	140	4
Laundry Detergent - Industrial Laundry	5 Closed		None	2	0.0055	0.011	8	2850	140	8
Laundry Detergent - Industrial Laundry Laundry Manual Prespotter	6 Spr		Limited Dermal	1		1	12	2850 30	70	1
Lauriory Marioar Prespoccer	g 561	ay ilinalation	Umiced Dermai	1	1	1	12	50	70	1
Hand Soap - Food Service Operation	7 Hand/Ir	mmerse dermal	Limited inhalation	0.4	1	0.4	8	8	70	D D44
Hand Soap - Facility Operation	7 Hand/Ir		Limited inhalation	0.4	1	0.4	4	4	35	0.022
Specialty Manual Cleaner - Commercial Operation	8 Spr	ay inhalation	Limited Dermal	2	0.0625	0.125	4	250	70	0.133
Floor Finish or Cleaner - Commercial Operation	9 Mc	p inhalation	Limited Dermal	1	0.025	0.025	5	2000	100	0.8333
Notes										
1	Manual port and pan wash frequency is typically after meal preparation and serving rushes throughout operation hours depending on the type of operation									
1	Wash duration can be 10mins-45mins at a time per observations surveys: Estimate 30 minutes									
1 1	For some equipment the Standard Operating Procedures states that were deman used for programing and anything fined should be cleaned every four hours when in use (this is distalled by Food Code). Food codes any similarm wash temp shad by the impactioner of the below									
2	Manual Pat and Pan Power Wa	sh applications utilize a water agitation/ recircu	ulation to wash ware in a lar	ge volume sink. The dermal exposu	ire may be reduced as this process is semi-	automatic				
3	Machina Marawanh (automatic	dishmachine) annications are class into disput	consins austama							
3	Maraline Viserovaith (usulmant Calemanchine) applications are class-leep dispensing systems. Typical Machine Viserovaith (usulmant Calemanchine) application without product and control of a Control of Caleman Caleman Calemanchine). The Caleman Caleman Caleman Caleman Caleman Caleman									
3	Typica Macrine Ware-wash Detergent also Santizer criemical products would not concern 1,4-Jovanie. Kinise Additives may contain trace levels, but are injected at 1 mL or less per wash cycle. Rines Additives may contain trace levels, but are injected at 1 mL or less per wash cycle.									
3	Ninse Audurves may contain utake review, out are injected at a mit or respect wash cycle. FDA /USF has averally of Rises a safeted food delderes A contract of the contract									
3	TUAL VIGS has oversign or strate autorize applications as inspect tools associed 1.4-Dissume levels of commonical time additive (as sold vig time additive) as sold vig time.									
4										
	Typical commercial burnetry matchines operate at high and low water levels during wash cycle steps, Debrgent steps are normally at the low water level. A 100-bi burnety machine at the low water level will have approximately 17 galens of water. Therefore, 9 oz / 17 galens = 0.00414 dilution factor.									
4, 5 4. 5	Dermit exposure for funding defergred application is NOT expected. Homeon commercial and industrial funding wash cycles consals of various wash, bleach, and risse steps that are designed to end with less than 31-ppm resolutal ability in the risse water at the final resetior residual product is expected at the end of a wash cycle. Learned or reprofice a summercial designed into a luminor funding ended in the summer remarks of decements as when									
4	Laundry protoct a audimatical dispensed into a subundry mechine from a chased-loop depending system. The use sublicance concentration used for the healthism expenser acclusation was actived from the highlest recommended concentration of 9 oz desirgent / 100 bs. of isundry.									
4.5	Normal commercial and industrial laundry wash cycles consist of various wash, bleech, and rises steps that are designed to end with leas than 31-ppm residual alialisty in the risse water at the final risse.									
4, 5	No residual product is expected to remain on lines at the end of a wash cycle.									
4, 5	Effluent from a commercial or industrial laundry machine goes directly to sever system or an on-site treatment system.									
4, 5	Any exposure would be through possible serosolization in the wash wheel/ wash tunnel and effluent discharge that would be verted during the wash cycle									
5	Industrial textile washing utilizes a continuous batch process with several stages of rinses and chemcial treatment over a larger size of operation									
5	Detergent dosing recommendat	tions vary but for industrial, will use 12 oz / CV	VΤ							
6	Laundry Presponder products are usually directly added to a soal tub or saidden. They can be aprayed directly antit linen as well. The expected routes of exposure are inhalation and dermal. Estimate 25 into per apray									
7	Tryolal dispense value for manual or touch free hand soop dispensers is 1 m.L.									
.eeeeeeeeee.	There are various specially products that may centain 1,4-Discare. These include degreaters, multi-auritice cleaners, and competiclessers/specifiers Application estimates are generalize for this summany									
	Floor cleaner and or resiliant floor finish products may contain 1,4-Dioxane									
9	Applications may vary									
9	Floor cleaners may be applied manually by mop and mop bucket or through auto-scrubber applications									
9	Dermal and inhalation routes of expoure would vary depending on application method and remerature Auto-scrubber pripalarly have a 19F6. Refer on the enhaust, system and chemical contract is minimized through closed-loop chemical dispensing and draining									
	Applications may vary Floor cleaners may be appl Dermal and inhalation rout	led manually by mop and mop bucket or tes of exposure would vary depending or	r through auto-scrubber n application method an	d temerature	chemical dispensing and draining					
Possible Factors for Exposure Estimates W	Volume of PRODUCT used	non amplication								
W N										
N C _t	Number of applications per day									
T T	Concentration of 1,4-Dioxane in PRODUCT or USE-SOLUTION									
T E	House of PRODUCT use per application Evaporation fails and i.e. of June and from PRODUCT									
E S	Exisporation Nate of 1,4-0 losale from PAUDUCI Alexa of suffer in Application Room									
S H										
H RW	Heisht of Ceiling in Application Rocen Average human weight of user									
	Average intuining weight of users. Fraction of the RODUCT remaining on skin									
E	Fraction of PRODUCT rema	sining on skin								
		aining on skin								
F A	Fraction of PRODUCT rema Absorption rate on skin Inhalation rate	aining on skin								

1,4-Dioxane Levels in Commercial and Consumer Products

Product Type	Independent Lab	Company D Initial	Company D Re-Test (+30 Days)		
with AES	1,4-Dioxane ppm	1,4-Dioxane ppm	1,4-Dioxane ppm		
Hand / Manual Dish 30%	3.6	4.2	4.2		
Consumer Laundry 15%	1	0.9	1.3		
Hand / Manual Dish 15%	1.9	2.2	2.3		
Consumer Laundry 30%	2.7	2.7	2.7		
I&I Laundry 50%	0.94	1.2	1.3		

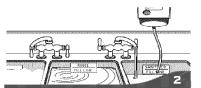


Push button on manual pot and pan dispenser to dispense detergent. Fill wash sink to fill line with hot water.

Presione el botón en el dispensador manual para ollas y sartenes para dispensar defergente. Llene el fregadero de lavado con agua callente hasta la línea de lienado.



Submerge in hot water rinse and allow excess water to run back into rinse sink. Sumerja en aqua caliente de enjuague y permita que el exceso de agua escurra de nuevo al fregadero de enjuague.



Fill rinse sink with hot water. Fill sanitizer sink with an EPA-registered sanitizer solution. Carefully read and follow the directions for use on the product label.

Liene ef frequaders de erjuaque con aqua callente, Liene ef frequaders para desinfectar con una solución desinfectan con una solución desinfectante registrada por el EPA. Lea y siga cuidadossamente las instrucciones de uso en la etiqueta del producto.

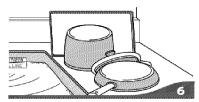


Submerge in sanitizer sink for one minute or as specified by product label and/or local guidelines. Sumerja en el fregacero para desinfectar ourante un minuto a durante el tiempo especificado en el rátulo del producto y/o indicado por las directirces locales.



Pre-scrape pots and pans. Soak for at least 5-10 minutes depending on soil level. Scrub all surfaces and allow excess water to run back into wash sink.

Raspe primero las ollas y los sartenes. Remoje durante 5 a 10 minutos dependiendo dei nivel de la suciedad. Frieque todas las superficies y permita que el exceso de agua escurra de nuevo al fregadero de lavado.



Turn upside down to air dry. Do not wipe dry.

Invierta y deje secar al aire. No secar con un trapo

TIP: Refill sink every two hours or as directed by local guidelines and/or packaging instructions. CONSEJO: Vuetva a llenar et fregadero cada dos horas o de acuerdo a las directrices locales y/o a las instrucciones del envase.

Laundry Training Guide Ouis de Entrenamiento de Lavandería



COLLECTION RECOLECCIÓN



Separate statised linear into collection stage or by tyling kinds to enable Laundry Operator to lidearithy actived linear.

Separat a rope de cama manchada en bo sad de recolección o atando roudes para permit rique e operator de a vacción de administrativa dentificios a rope de cama manchada en bo sad de recolección o atando radio dentificio a rope de cama manchada.

TRANSPORT TRANSPORTE



Solited limens should be transported in cart without being overtibled.

SORTING CLASIFICACIÓN



Sortizy linen type to select proper wach termula. Separate stained linen for pre-treatment.

Crideniar sessión el 1 do de mpe de came para selectionar el metrodo de alvado adectuado. Separar a rocas de cama mandrada para el precipia amisense.

WASHING



Load washer at recommended weight to maximize chaning readls. Select proper formula on washer or controller.

STAIN MANAGEMENT

TRATAMIENTO DE MANCHAS

Spray StateBlaster** Per-Spetter product directly on stated area of liner.

Produce at quidamentisa pera producente di albigara in m directi amenta en mi area mandicada de la ropa de dansa.

PRE-TREAT TRATAMIENTO PREVIO



Pour StainBlaster*
Reclaim product
directly into wash wheel.

anarramanno - las reolaperación Graciamente en el Tambor de la lasadon.

RECLAIM RECUPERACIÓN



LISE



Stove Jacodny to cart taking care not to overload cart. In guest room, place bondry on clean, hard surface white replacing liners in room.

Colocur a nopalen el cerno, e el sobrecungano. En la natifiación de novegedes, colocur a ropa sobre una superficia dura y limpla, miemala cambia la nopa de cama el la habitación.

STORE



Apliar a nopa projecto de mareiro pro ja en un ugan adecuario, procurando co colar a nopa anterior en un ugan más accesio e.

FOLD



Dob as a ropa de cama novadadamente para en fair armujato, respeccionas a repalate cama con cuidado para detectam entromaci, separan a ropa menciado para detectam escuperas.

DRYING



Separan a nopular manchada para recuperación. Se económ a configuración de secado adecuada según el 100 de nopa de carra para neducir ad arrugad y a catalina.

Proper Hand-Washing PROCEDIMIENTOS DE LAVADO DE MANOS



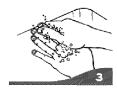
Wet your hands with hot, running water (at least 100°F/38°C).

Mójese las manos con agua corriente caliente (al menos, a 100°F/38 °C).



Apply soap.

Aplíquese el jabón.



Scrub hands and arms for at least 20 seconds. Clean under fingernails and between fingers.

Lávese las manos y los brazos por lo menos veinte (20) segundos. Lávese debajo de las uñas y entre los dedos.



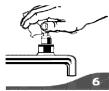
Rinse thoroughly under running water.

Enjuáguese las manos completamente con el agua corriente.



Dry hands and arms with a single-use paper towel.

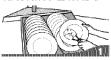
Séquese las manos y los antebrazos con una toalla de papel descartable.



Turn off faucet using paper towel.

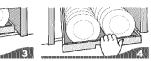
Cierre el grifo con la toalla de papel.

WASHING LAVADO











Open door, place rack into machine and close the door.

Extraiga et bestidor después det close y permitta extente sour y clores la puerta.

Extraiga et bestidor después det close y permitta extente y permitta extente y permitta extraiga et bestidor después det close y permitta extente y permitta e